ECS Configuration Change Request

1. Originator Natisha Greenway	2. Log Date: 11/15/02	3. CCR #: **02-1010**	4. Rev: -	5. Tel: 301-925-1079	6. Rm #: 2016D	7. Dept. DEV

8. CCR Title: Deliver WU-FTPD v 2.6.2 patch tar file as a Test Executable to DAACs on SUN hosts running Solaris 8

9. Originator Signature/Date /s/ Natisha Greenway 11/14/02	10. Class II	11. Type: CCR	12. Need Date: 11.18.02

13. Office Manager Signature/Date /s/ Arthur Cohen 11/14/02	14. Category of Change: Other	15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other: NCR ECSed35820

23. Problem: (use additional Sheets if necessary) Installation of configuration files are necessary to fix NCR ECSed35820 at the sites for the Synergy III delivery.

24. Proposed Solution: (use additional sheets if necessary) Provide a Test Executable to the sites that will need to be installed on specified SUN hosts using "wuftp.2.6.2.sol.p1.tar" (checksum 265789607). See attached TE installation instructions.

25. Alternate Solution: (use additional sheets if necessary) None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary) NCR ECSed35820 will not be resolved for the Synergy delivery scheduled 11.22.02.

27. Justification for Emergency (If Block 15 is "Emergency"): The patch tar file has configuration files bundled that need to be installed on the specified SUN hosts running WU-FTPD v2.6.2 for the Synergy III delivery scheduled 11.22.02.

28. Site(s) Affected: ☐EDF ☐PVC ☒VATC ☒EDC ☒ GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): /s/ Byron Peters 11/14/02	Disposition: **Approved** App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): /s/ Debra Stepp 11/15/02	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 02-1010   **Rev: -   Originator:** Natisha Greenway

Telephone: 301-925-1079   **Office:** 2016D

Title of Change: Deliver WU-FTPD v 2.6.2 patch tar file as a Test Executable to DAACs on SUN hosts running Solaris 8

Checksum	BlockSize	Filename
265789607	1511936	wuftp.2.6.2.sol.p1

Machines impacted by TE:

Site	Host Name	Subsystem	Host Function
EDC	e0dps01	DPL	Data Pool Server
GSFC	g0dps01	DPL	Data Pool Server
LaRC	l0dps01	DPL	Data Pool Server
NSIDC	n0dps01	DPL	Data Pool Server
VATC	t1mss06	MSS	Applications Server

COTS Installation Instructions

Prerequisites

Estimated Installation Time: 15 minutes for a novice operator.

Disk Space Requirements: 1.5 MB.

The following requirements are needed prior to installation.

- Solaris 8 installed

- WU-FTP v2.6.2 installed

- Configure the "/datapool/OPS/user/usr/bin" directory to allow write access by root on the NFS client machine listed in the chart below if this directory is a remote file system.

Site	Host Name	Subsystem	Host Function
EDC	e0dps01	DPL	Data Pool Server
GSFC	g0dps01	DPL	Data Pool Server
LaRC	l0dps01	DPL	Data Pool Server
NSIDC	n0dps01	DPL	Data Pool Server
PVC	p2dps01	DPL	Data Pool Server
VATC	t1mss06	MSS	Applications Server

Uninstall Instructions

None

Installation Instructions

This test executable provides configuration changes to the Solaris 8 WU-FTP software delivered with PSR document 914-TDA-196 "WU-FTPD Version 2.6.2 for Data Pool
Initial Release for the ECS Project". These instructions will install the Solaris WU-FTP v2.6.2 patch. This patch is necessary in closing NCR ECSed35820 "wu-ftp: gnutar achive creation problems and incompatibilities". This configuration update provides the Solaris 8 native "tar" command binary to the sites which resolves the incompatibilities identified with GNU tar and long file names. It also provides a log rotation script that enables management of the FTP log via the Unix cron. Text in bold are user commands or text within a file and "↵" means press the enter/return key.

1) Login to the site specific host for your particular site as shown in the above chart as root:

2) Copy the WU-FTP tar files from the /dist/incoming directory into the "/var/tmp" directory.

3) Verify the checksum values for the tar file.

     # cksum /var/tmp/wuftp.2.6.2.sol.p1.tar ¿

     265789607   1511936   wuftp.2.6.2.sol.p1.tar

4) Install the Solaris 8 WU-FTP patch tar file:
*NOTE: Root must have write access to the NFS mounted directory if this is a remote file system.

    a)   Back up the existing FTP conversion file:

        # cp -p /etc/ftpd/ftpconversions /etc/ftpd/ftpconversions.orig¿

    b)   Back up the existing GNU tar command binary file:

        # cd /datapool/OPS/user/usr/bin/ ¿
        # cp -p tar   tar.orig ¿

    c) Install the tar patch file:

        # tar xvf /var/tmp/wuftp.2.6.2.sol.p1.tar ¿

5) Invoke the VI editor on the root cron file to include the entry needed to set up for log rotation:
      # setenv EDITOR vi ¿
      # crontab –e ¿

6) Add the following line to the root cron file. Please include the "#" sign.

    #
    # Rotate WU-ftp xferlog
    1 0 * * * /usr/local/sbin/rotate_xferlog

    *NOTE: This cron entry invokes the 'rotate_xferlog' script at 12:01am every day. The
             script will back up a copy of the WU-FTP log for up to 7 days.

7) Type "**:wq**" to quit the editor and update the root cron file.

Custom Code Integration

None

Interrogation Checkout

None

Back-Out Instructions

The steps in this section will restore the original files prior to this patch installation. .

1) Login to the XXdps01 host as root.

2) Restore the FTP conversion file and the GNU tar binary file to the state prior to installation.

*NOTE: Root must have write access to the NFS mounted directory if this is a remote file system.

 # cp –p /etc/ftpd/ftpconversions.orig /etc/ftpd/ftpconversions ¿

 # cd /datapool/OPS/user/usr/bin ¿

 # cp –p tar.orig   tar ¿